

ABSTRACT

A seek minimizing process for use in storage controller of a data storage system is presented. The process collects statistics for physical devices storing mirrored logical volumes. The statistics include utilization and activity level. The process determines from the statistics the top n busiest physical devices. The process evaluates each of the n physical devices for mirror policy adjustment that will result in reduced seek time when the utilization of the physical device is greater than a threshold, for example, 50%.

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